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WHAT IS CLAIMED IS:

- 1 1. A communication device comprising:
2 cut-off frequency switching means for switching a cut-off
3 frequency for communication data at a communication line.
- 1 2. The communication device according to claim 1, wherein said
2 cut-off frequency switching means is structured to carry out switching
3 of a D.C. cut-off capacitor.
- 1 3. The communication device according to claim 1 or claim 2,
2 further comprising:
3 confirming means for confirming whether or not a communication
4 partner has said cut-off frequency switching means, in advance of
5 sending and receiving of communication data.
- 1 4. The communication device according to claim 3, wherein said
2 confirming means is structured such that switching control of said
3 cut-off frequency switching means is carried out in accordance with
4 results of confirmation.
- 1 5. The communication device according to any of claims 1
2 through 4, wherein the communication line is a telephone line, and
3 said communication device is a modem.
- 1 6. The communication device according to claim 5, wherein xDSL
2 (x Digital Subscriber Line) type communication, which carries out data
3 communication via the telephone line, is carried out.